Work Orde				*768	362*							Page 1
Item ID: Revision ID: Item Name: Start Date: Required Date:	D3281-2L08 Floor Protecto 22/11/2011		*4*	Accept	*N900	ID:	100	ገ*	Setup	Start Stop	I VI .	S1* S2*
Reference:	00/12/2011	Req u Qty: 4.00	*4*		Customer:							
Approvals:		n: <u>M</u> .C.J	1			oate:	<u> </u>		Run	.Start Stop	*N  *N	R1* R2*
Sequence ID/ Work Center II	)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Rev	ision Nbr										
D3281	Rev	F										
100 <b>*1 \^1</b> Thermoform		HAND FINISHING THE	ERMOFORMING	0.00				x4				Dh
Thermoforming Mad	chine	Cut Blanks										11/13/08
*105		Dry Material		0.00				χΫ́				Ψ.
HandThermo Hand Finishing Ther	rmoforming		s per QS1022 POLYCAR 40° だ	0.00 BONATE				- <b>X-</b> L				11/13/08
,	•		4:00 pm 1	1/12/0 <del>4</del>								

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			·					<u> </u>	
Part No		PAR #:	Fault Cate	egory:	NCR: Yes	No DQA	<b>\:</b>	Date:	
	Re	esolution:	Disposition	on:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	R)			
		Description of NC		Corrective Action Secti		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description  Chief Eng	Sign Date	& Section		Chief Eng	QC Inspector
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Work Ord November-22-1				*768	362*							Page 2
Item ID:	D3281-2L08			Accept	*N900	040	100	)*	Setup	Start	*N.	S1*
Revision ID: Item Name:	Floor Protecto	r. Fwd RH								Stop	* 1 1 *	CO*
Start Date:	22/11/2011	Start Qty: 4.00	*4*							-	171	S2*
Required Date		Req'd Qty: 4.00	=		Cust Item	ID:						
Reference:	. 00/12/2011	1100 a Qty. 4.00	*4*		Customer:							
Approvals:	Process Pla	n:	Date:	Tooling:	D	ate:			Run	Start	*N	R1*
	QC:		Date:	<b>SPC (Y/N):</b>	D	ate:				Stop	*N	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Re		Reject Number	Insp. Stamp
110		THERMOFORMING M	<b>ACHINE</b>	0.00								0 4
*110* Thermoform			ACHINE	0.00				x4	_			Wh
Thermoforming Ma	achine	Memo Thermoform Dwg. Rev Folio Rev	as per Dwg. D3281 a									11/12/08
120		QC2- Inspect parts off m	achine FAI/FAIB	0.00								( <i>1</i> )
*120* QC Quality Control		Memo		0.00				×4				Ulid <b>es</b>
130		HAND ENVELOPE THE		0.00								0.0
*130* Thermoform		HAND FINISHING THE  Memo	KMOFORMING	0.00				×4_			<del></del>	Th.

Thermoforming Machine

Trim to Finished Dimensions

W/O:	•		N	ORK ORDER CHANG	ES			
DATE	STEP	PR	OCEDURE CH		Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						`.		<u> </u>
				***************************************				
Part No	•	PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQA:	Date: _	
	Re	solution:	Disposit	ion:	_ QA: N/C CI	osed:	Date: _	·
NCR:			WORK OR	DER NON-CONFORM	ANCE (NCR	)		
DATE	STEP	Description of NC			ion B	Verification	Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
				·				

Work Orde				*7686	32*					Page 3
Revision ID: Item Name: Start Date:	D3281-2L08 Floor Protecto 22/11/2011	r, Fwd RH  Start Qty: 4.00	*4*	Accept	*N900040	1100*	Setu	p Start Stop	*N:	S1* S2*
Required Date: Reference:	06/12/2011	Req'd Qty: 4.00	*4*		Customer:	_		G		
Approvals:		n:	Date:	Tooling: SPC (Y/N):	Date:		Run	Start Stop	*NI *NI	R1* R2*
Sequence ID/ Work Center ID  140 *140 * QC Quality Control	,	Operation Description QC2- Inspect parts off ma	achine FAI/FAIB	Set Up/ Run Hours 0.00	Tool ID Tool #	Code (			Reject Number	Insp. Stamp  11/12/14
150 *150* QC Quality Control		QC5- Inspect part comple  Memo	teness to step on W/O	0.00 whiz	ley	_(	<del>(</del> 44)			
*160 *160* Packaging		Packaging Memo		0.00		(3		Sp.	1)-(7	7-15

PPP+168578P.

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
-	-	<del></del>					'	Prod Mgr	
									:
								:	
Part No	:	PAR #:	Fault Cat	egory:	NCR: Yes	No DQ	<b>\:</b>	Date: _	
	R	esolution:	Dispositi	on:	_ QA: N/C (	Closed:		Date: _	
NCR:			WORK ORI	DER NON-CONFORMA	NCE (NC	R)			
D.4.T.E.	OTER	Description of NC		Corrective Action Section		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Section		Chief Eng	QC Inspector
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		,							

Work Ord November-22-1				*768	362*							Page 4
Item ID: Revision ID: Item Name:	D3281-2L08 Floor Protecto			Accept	*N900	040	100	)*	Setup	Start Stop	. 4	S1* S2*
Start Date: Required Date Reference:	22/11/2011 : 06/12/2011	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item :					,	IV	.7/
Approvals:	Process Pla	n:	Date:	Tooling:	D	 ate:			Run	Start	*N	R1*
	QC:		Date:	SPC (Y/N):	D	ate:				Stop	*N	R2*
Sequence ID/ Work Center I	D .	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Rej Qty		Reject Number	Insp. Stamp
*170*		QC21- Final Inspection	- Work Order Release	0.00						11)	12/	20 D
QC		Memo		0.00								

Quality Control

KIF12-20

W/O:			W	ORK ORDER CHANGI	ES			
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date (	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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<del>-</del>								
Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQA:	Date:	
	R	esolution:	Dispositi	on:	QA: N/C C	losed:	Date: _	
NCR:			WORK OR	DER NON-CONFORMA	NCE (NC	₹)	100000000000000000000000000000000000000	
	0750	Description of NC		Corrective Action Section		Verificat	ion Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign o	& Section		QC Inspector
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								:

**Picklist Print** 

November-22-11 10:56:52 AM

Work Order ID: 76862

\*76862\*

Parent Item:

D3281-2L08

\*D3281-2I 08\*

Parent Item Name: Floor Protector, Fwd RH

**Start Date: 22/11/2011** 

**Required Date:** 06/12/2011

Page 1

Start Qty: 4.00

Required Qty: 4.00

**Comments:** 

IPP Rev. A 10.02.24 New Issue LL

Add Step 105 Dry Material 10/04/21 DL

IPP REv. B

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
MLEXS.118-90318-08	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand		Qty	Issued 	Issued	
*N/I FYC 1	18 003	Purchased	No			100	SI	1,802.424	> <b>**</b>	21.05263			S.D

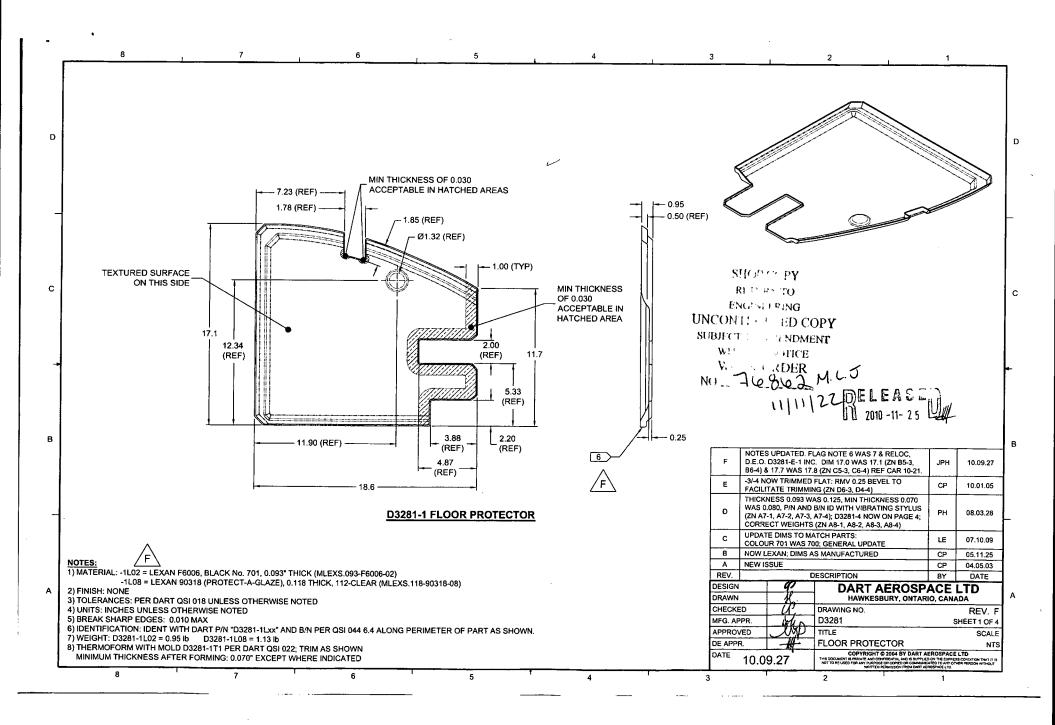
\*MI FXS 118-90318-08\*

Lexan Sheet

Location Loc Code Loc Qty therm 1802.424621 1802.42462

21,05263 sg ft

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approvai Chief Eng / Prod Mgr	Approval QC Inspector
	,								
Part No		PAR #:	Fault Cate	gory:	NCR: Yes	s No <b>DQ</b>	<b>A</b> :	_ Date: _	
	R	esolution:	Dispositio	n:	QA: N/C	Closed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC		Corrective Action Section			cation	Approval	Approval
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W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PR	OCEDURE CH	ANGE	Ву	,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:	Fault Cate	egory:	NCR: Y	es N	o DQA		Date: _	
	Re	esolution:	Disposition	on:	_ QA: N/0	Clos	sed:		Date:	
NCR:		,	WORK ORD	DER NON-CONFORMA	NCE (N	CR)				
	0750	Description of NC		Corrective Action Section			Verifica	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		gn & ate	Section		Chief Eng	QC Inspector
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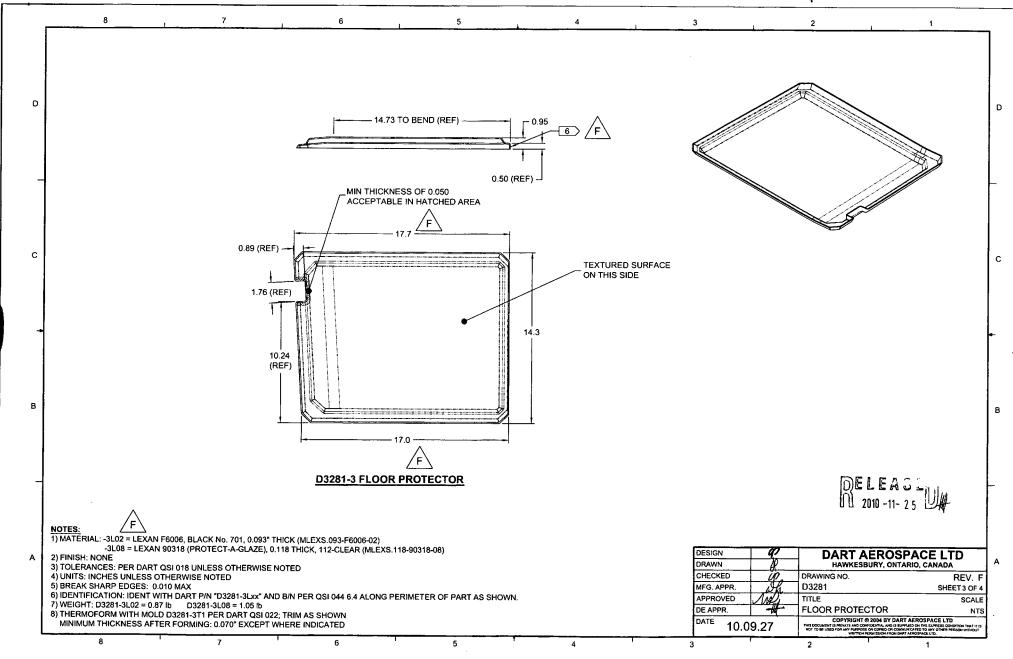
76862

8 D D MIN THICKNESS OF 0.030 ACCEPTABLE IN HATCHED AREA 4.00 (REF) 2.20 (REF) TEXTURED SURFACE ON THIS SIDE 6.90 (REF) 12.1 С 17.4 1.81 (REF) - 1.00 (TYP) - 3.10 (REF) 1.85 (REF) 1.75 (REF) - 0.50 (REF) -- 0.95 7.18 (REF) -В MIN THICKNESS OF 0.030 ACCEPTABLE IN HATCHED AREAS **D3281-2 FLOOR PROTECTOR** 1) MATERIAL: -2L02 = LEXAN F6006, BLACK No. 701, 0.093" THICK (MLEXS.093-F6006-02) -2L08 = LEXAN 90318 (PROTECT-A-GLAZE), 0.118 THICK, 112-CLEAR (MLEXS.118-90318-08) DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED DRAWN 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.010 MAX CHECKED DRAWING NO. REV. F MFG. APPR. D3281 SHEET 2 OF 4 6) IDENTIFICATION: IDENT WITH DART P/N "D3281-2Lxx" AND B/N PER QSI 044 6.4 ALONG PERIMETER OF PART AS SHOWN. APPROVED TITLE SCALE 7) WEIGHT: D3281-2L02 = 0.95 lb D3281-2L08 = 1.13 lb 8) THERMOFORM WITH MOLD D3281-271 PER DART QSI 022; TRIM AS SHOWN MINIMUM THICKNESS AFTER FORMING: 0.070" EXCEPT WHERE INDICATED DE APPR. FLOOR PROTECTOR NTS COPYRIGHT © 2004 BY DART AEROSPACE LTD.

YT IS PRIVATE AND CONFEDENTIAL AND IS SUPPLIED ON THE EXPRESS CONC
SEED FOR ANY PURPOSE OR COMED OR COMMUNICATED TO ANY OTHER PER DATE 10.09.27

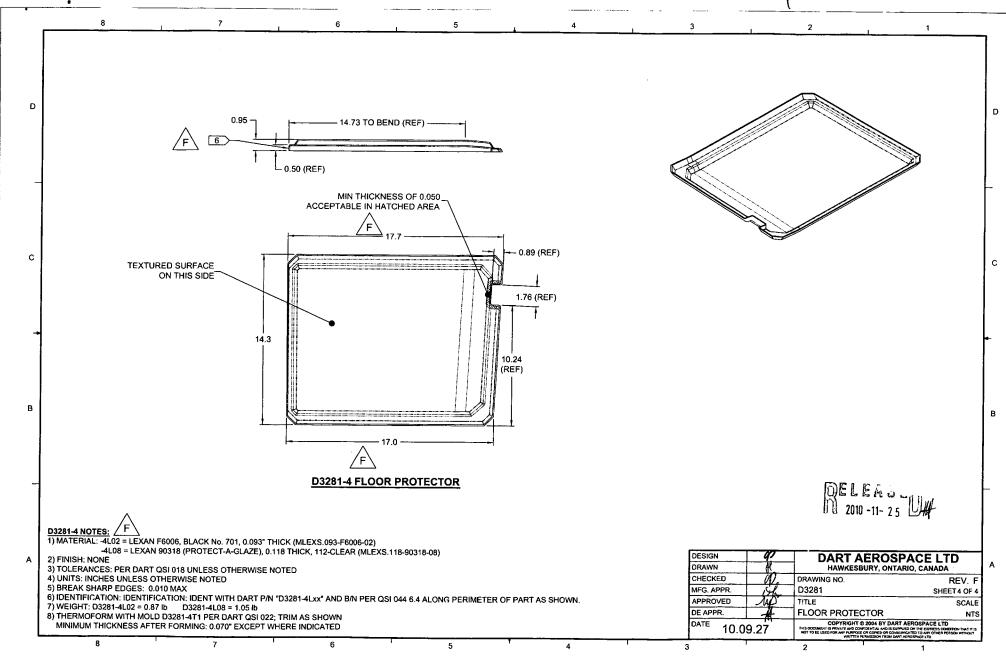
Dart Aerospace Ltd	Dart	Aero	ospac	e Ltd
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W/O:			W	ORK ORDER CHANG	SES	<del>.</del>				
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:	Fault Cate	gory:	_ NCF	R: Yes	No <b>DQ</b>	A:	_ Date: _	
	Re	esolution:	Dispositio	n:	QA:	N/C Cld	osed:		Date:	
NCR:		,	WORK ORD	ER NON-CONFORM	ANCE	(NCR	)			
		Description of NC	Description of NC Corrective Action		Section B Verifica			ation	n Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Section C	Chief Eng	QC Inspector		
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Part No		PAR #:								
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DATE	STEP	Description of NC			Section B Sign &			cation	Approval	Approval
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Dart Aerospace L	td
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W/O:	<u> </u>			WORK ORDER	CHANGES					
DATE	STEP		PR	OCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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	ely.						-			
Part No	:	· · · · · · · · · · · · · · · · · · ·	PAR #:	Fault Category:	NCR:	Yes	No DQ	A:	Date: _	
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NCR:		CE (NCR)						
-		Description of NC	· · · · · · · · · · · · · · · · · · ·	Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Action Description Sign & Chief Eng Chief Eng Date		Section C	Chief Eng	QC Inspector	
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DART AEROSPACE LTD	Work Order:	76862.
Description: Floor Protector, Fwd RH	Part Number:	D3281-2
Inspection Dwg: D3281 Rev: F		Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST THERMOFORMING SECTION

Description	Accept	Reject	Method of Inspection	Comments
Inside Radii less than 0.1875" Go/No Go				
Shape Definition				
Texture Retention	1			
Material imperfections such as bumps, cracks, voids, scratching				
Measured by:	]		Date:	11/12/08

#### TRIMMING SECTION

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
18.3	+/-0.100	18.3"	-	-	TAPE DL-01	
17.4	+/-0.100	17.3"	~		TAPE DL-01	
12.1	+/-0.100	12.0"			TAPK DL-01	
0.95	+/-0.030	0,977"	/		Very DL-02	
0.25	+/-0.030	0.268"	~		Vern De-0	
0.030	Min	0.075"			CALTH-DT	
0.070	Min	0.104"			CALTH-DT.	
					<del>                                     </del>	<u> </u>

Measured by:	Dhe	Date: (1/12/14)
Audited by:	5	Date: 11/12/19
Preliminary Approval:		Date:

Rev	Date	Change	Revised by	Approved
Α	08.02.28	New Issue	KJ/DL	
В	08.04.16	Dimensions updated per Dwg Rev D	KJ/DL	
С	08.07.23	Dwg Rev updated	KJ/DL	
D	08.09.12	Tolerance revised for 0.070 dimension	KJ/DL	
E	10.09.01	Dwg Rev updated	KJ 10	711
F	11.06.21	Dwg Rev updated	KJ 94	
	,		//	